

**Title:** METHOD AND APPARATUS FOR CONTROLLING DOPANT  
CONCENTRATION DURING BPSG FILM DEPOSITION TO REDUCE NITRIDE  
CONSUMPTION

**Inventor(s):** MUKAI, et al.

**Application No./Atty. Docket No.:** 4887.P518 / 5047/TCG/PMD/LE

**Serial No.:** 09/910,583

1/6

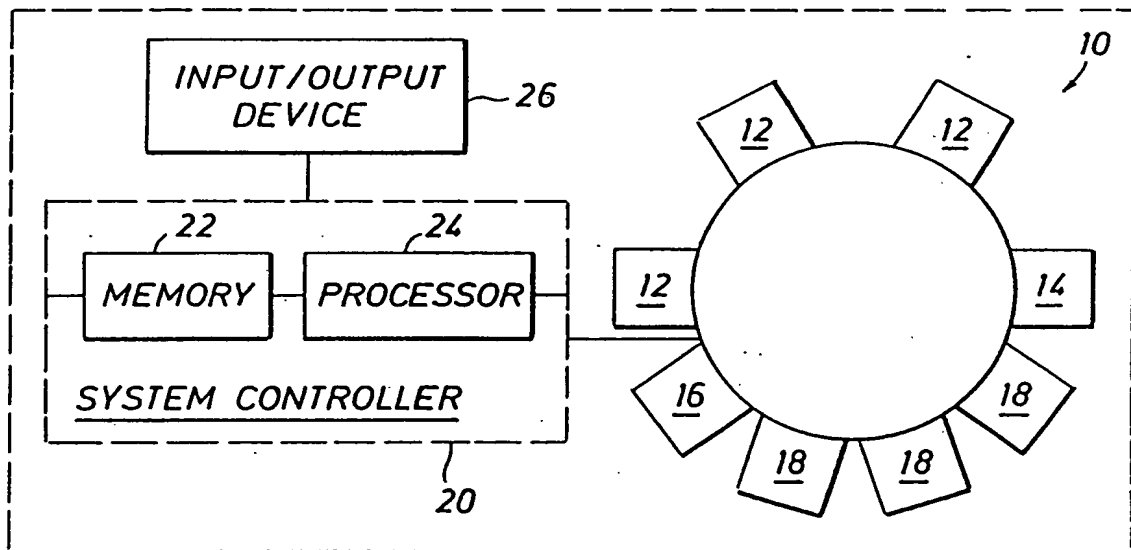
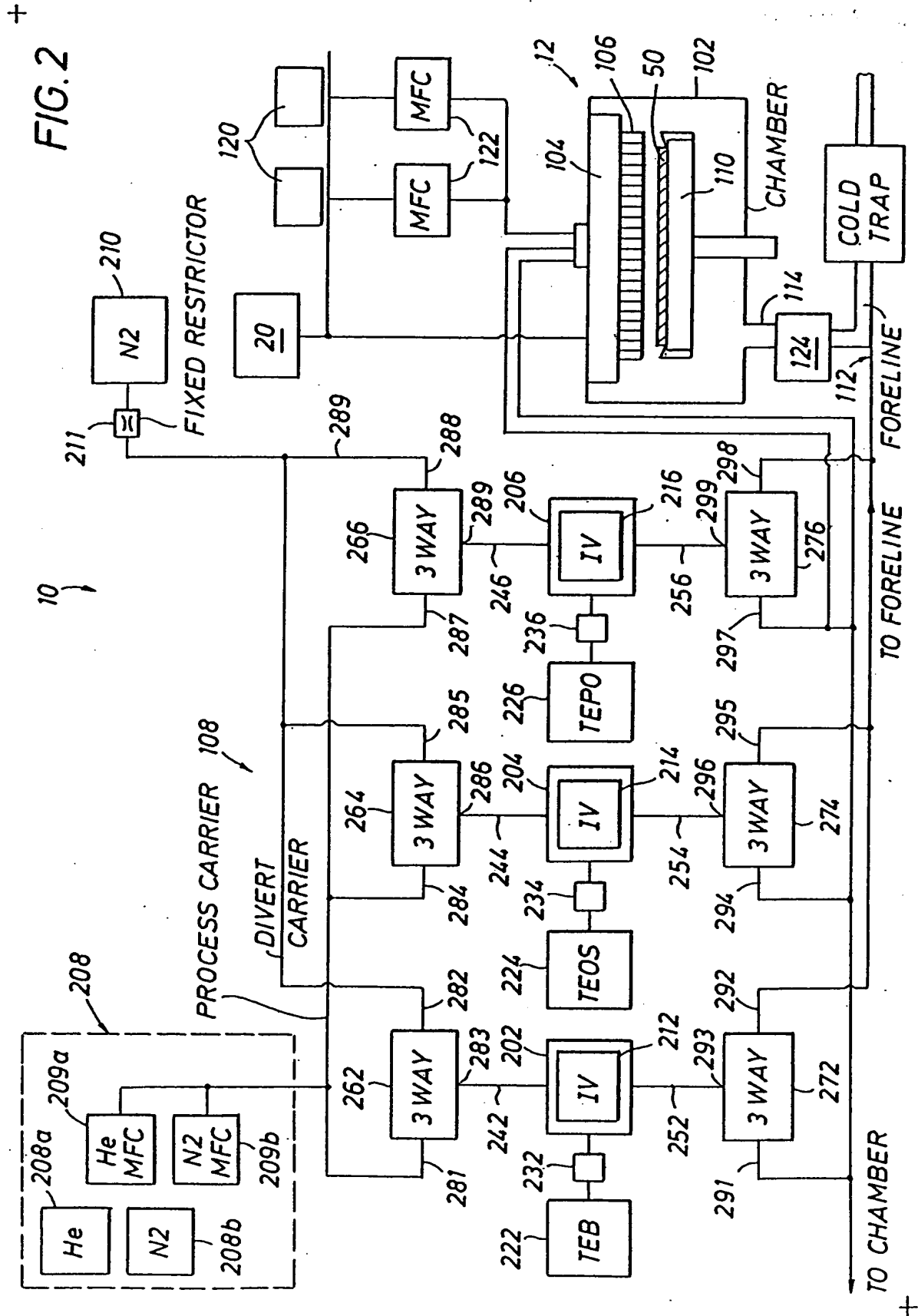


FIG. 1

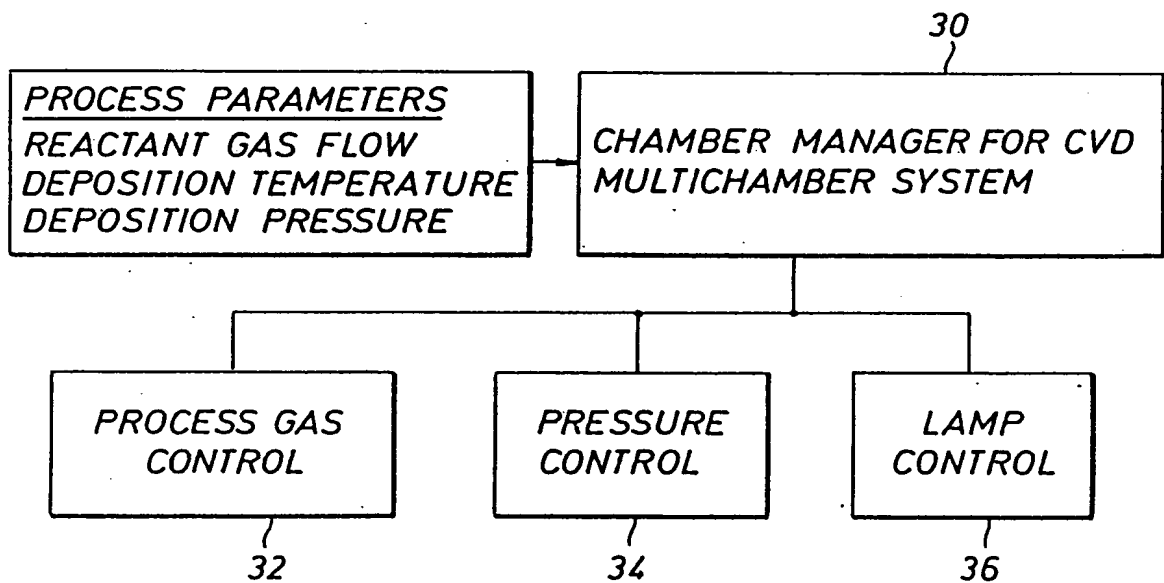


**Application No./Atty. Docket No.:** 4887.P518 / 5047/TCG/PMD/LE  
**Serial No.:** 09/910,583

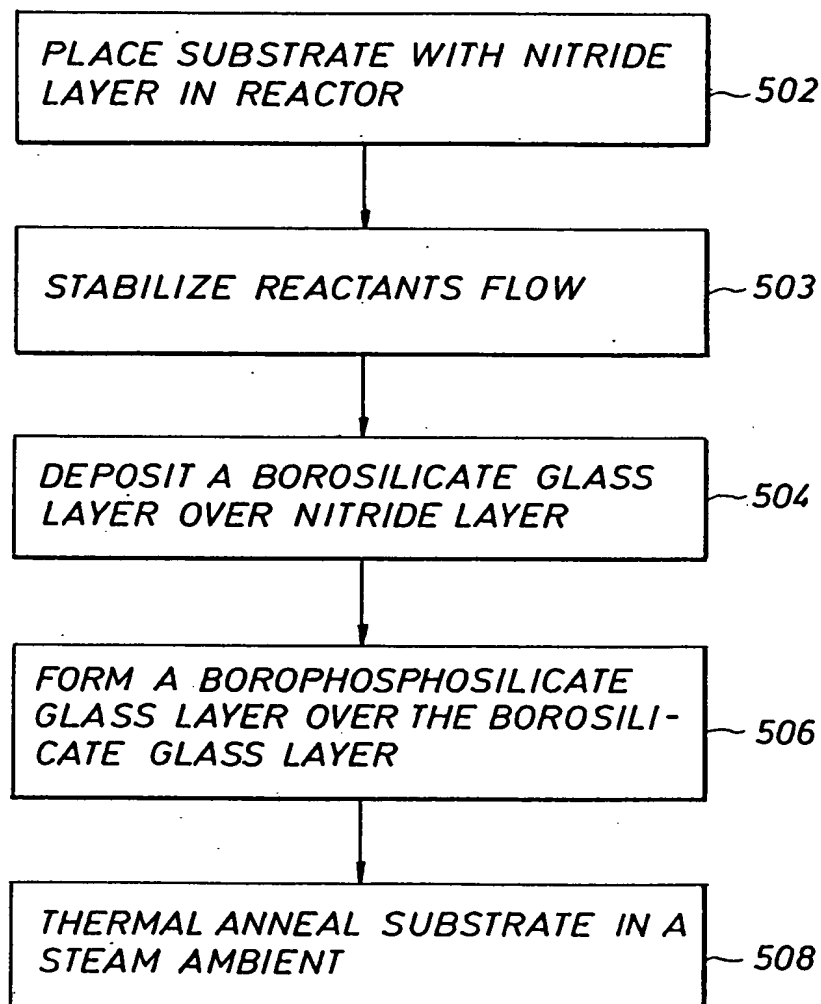
+



FIG. 4



**5/6**



**FIG. 5**

6/6

FIG. 6

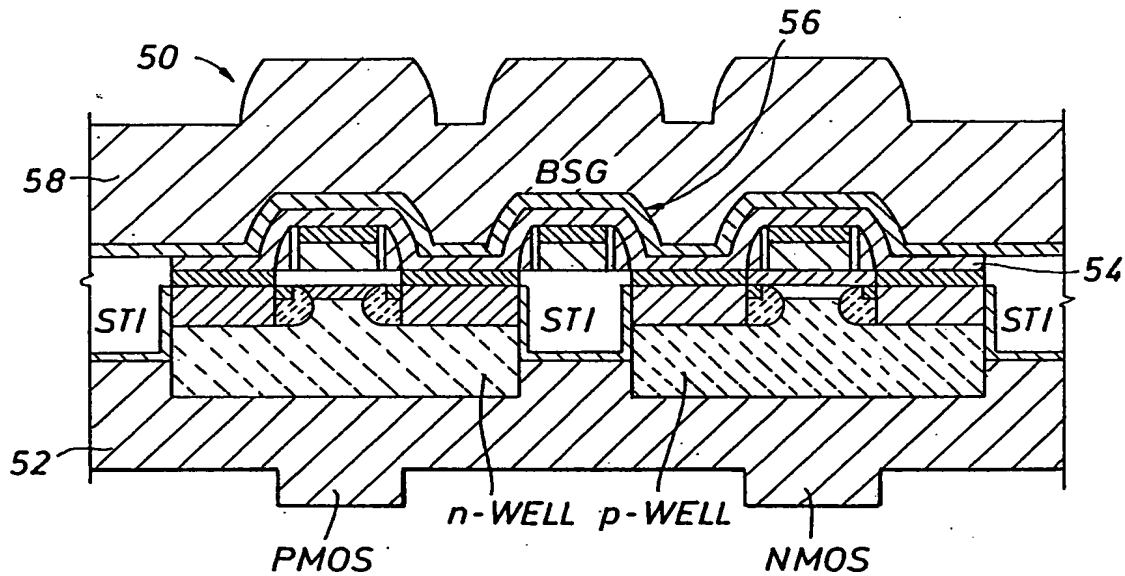


FIG. 7

